

Title (en)
FRICTION BRAKE PAD

Title (de)
REIBBREMSBELAG

Title (fr)
GARNITURE DE FREIN DE FRICTION

Publication
EP 2823195 A1 20150114 (DE)

Application
EP 13710819 A 20130311

Priority
• DE 102012203760 A 20120309
• EP 2013054876 W 20130311

Abstract (en)
[origin: WO2013132104A1] A friction brake pad (1) having a corrosion prevention element (3) composed of a baser metal than cast iron, in particular of zinc, said corrosion prevention element being flush with a friction surface (4) of the friction brake pad and terminating with the friction brake pad (1). Particles, contained in the brake dust, of the metal of the corrosion prevention element (3) act in the manner of a sacrificial anode and protect the brake disc against corrosion. Furthermore, the material of the corrosion prevention element (3) is mechanically applied as a corrosion prevention layer to the brake disc during braking.

IPC 8 full level
F16D 69/02 (2006.01)

CPC (source: EP US)
F16D 65/092 (2013.01 - US); **F16D 69/02** (2013.01 - US); **F16D 69/025** (2013.01 - EP US); **F16D 2069/002** (2013.01 - EP US); **F16D 2069/004** (2013.01 - EP US); **F16D 2200/0013** (2013.01 - EP US); **F16D 2200/0065** (2013.01 - EP US)

Citation (search report)
See references of WO 2013132104A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102012203760 A1 20130912; EP 2823195 A1 20150114; US 2015096851 A1 20150409; WO 2013132104 A1 20130912

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DE 102012203760 A 20120309; EP 13710819 A 20130311; EP 2013054876 W 20130311; US 201314383594 A 20130311